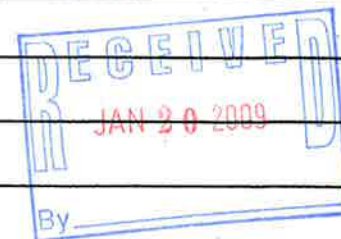


| XI. COOLING WATER ADDITIVES AND THEIR COMPOSITIONS | | |
|--|-------------|----------------------|
| Additive | Composition | Concentration (mg/l) |
| n/a | | |
| | | |
| | | |



XII. EFFLUENT CHARACTERISTICS

A. Indicate results of analysis for pollutants listed below.

| POLLUTANT/PARAMETER | MAX DAILY VALUE | AVG DAILY VALUE | NUMBER OF SAMPLES |
|-------------------------|-----------------|-----------------|-------------------|
| BOD ₅ | < 2 | < 2 | One |
| TOTAL SUSPENDED SOLIDS | 2 | 2 | one |
| FECAL COLIFORM | < 10 | < 10 | one |
| TOTAL RESIDUAL CHLORINE | 1.1 | 1.1 | One |
| OIL AND GREASE | 24 | 24 | One |
| CHEMICAL OXYGEN DEMAND | 36 | 36 | one |
| TOTAL ORGANIC CARBON | 7.45 | 7.45 | One |
| AMMONIA | < 1 | < 1 | one |
| DISCHARGE FLOW | No Discharge | No Discharge | One |
| pH | 7.4 | 7.4 | one |
| TEMPERATURE (WINTER) | 69.9°F | 69.9°F | one |
| TEMPERATURE (SUMMER) | 45°F | 45°F | one |

| | |
|------------------------------------|---------------------|
| B. Frequency and duration of flow: | Year round - varies |
|------------------------------------|---------------------|

XIII. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

| | |
|---|--|
| NAME AND OFFICIAL TITLE (type or print): Chris Buggs, Park Manager | TELEPHONE NUMBER (area code and number): 270/286-4511 |
| SIGNATURE | DATE 12/12/2008 |

IX. INTERMITTENT DISCHARGES (Complete this section for intermittent discharges.)

A. Number of bypass points:

0

(If bypass points are indicated, information below must be completed for each bypass.)

| | | |
|-------------------------------------|--------------------------------------|--------------------------------------|
| Check when bypass occurs: | <input type="checkbox"/> Wet Weather | <input type="checkbox"/> Dry Weather |
| Give the number of bypass incidents | per year | per year |
| Give average duration of bypass | hours | hours |
| Give average volume per incident | 1,000 gallons | 1,000 gallons |
| Give reason why bypass occurs: | | |

B. Number of Overflow Points:

0

(If discharge is from an overflow point, the information below must be completed.)

| | | |
|--|--------------------------------------|--------------------------------------|
| Check when overflow occurs: | <input type="checkbox"/> Wet Weather | <input type="checkbox"/> Dry Weather |
| Give the number of overflow incidents: | per year | per year |
| Give average duration of overflow: | hours | hours |
| Give average volume per incident: | 1,000 gallons | 1,000 gallons |

C. Number of seasonal discharge points

1

| | |
|--|-------------------------------|
| Give the number of times discharge occurs per year | Daily, April - October |
| Give the average volume per discharge occurrence | (1,000 gallons) 1500 GPD |
| Give the average duration of each discharge | (days) Daily, April - October |
| List month(s) when the discharge occurs | April - October |

X. AREA SERVED (see instructions)

| NAME | ACTUAL POPULATION SERVED |
|---|--|
| Moutardier Campground, Nolin River Lake | Campground is currently closed for the winter. When open, it serves an average of approx. 4100 people/day. |
| TOTAL POPULATION SERVED | |



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OCT 1 2008

Nolin River Lake
U.S. Army Corps of Engineers



Lexington KY
859-299-7775
Madisonville KY
270-821-7375

Paducah KY
270-444-6547
Pikeville KY
606-432-3104

T.Tapp-Bowles@mccoyslabs.com

U S Army Corp of Engineers
Attn: Bryan Duvall
P O Box 339
Bee Springs KY 42207

Batch #: 08091868
Received: 09/19/2008
Reported: 09/25/2008
Client: US6607
Page: 1 of 1

Analysis Report

AG23517 001 Effluent - Dam Site KY0027804 Collected: 9/19/2008

| Test Description | Analyzed | By | Method | Result | Units | Report Limit | Note |
|--|------------|-----|-------------|--------|------------|--------------|------|
| pH, (Client) | 09/19/2008 | CLT | EPA 150.1 | 7.5 | Std. units | | |
| Time of Analysis, pH (Field) | 09/19/2008 | CLT | EPA 150.1 | 0800 | hr/min | | |
| Dissolved Oxygen (client) | 09/19/2008 | CLT | EPA 360.1 | 5.1 | mg/l | | |
| Time of Analysis, Dissolved Oxygen (fld) | 09/19/2008 | CLT | EPA 360.1 | 0800 | hr/min | | |
| Flow Reading (Client) | 09/19/2008 | CLT | n/a | 0.0007 | MGD | | |
| Tot. Suspended Solids Mdv | 09/22/2008 | DDP | SM 2540 D | 4 | mg/l | 1 | |
| Ammonia as N by electrode Mdv | 09/23/2008 | DDP | SM 4500 NH3 | 1.0 U | mg/l | 1.0 | |
| Carbonaceous BOD Mdv | 09/19/2008 | DDP | SM 5210 B | 2 | mg/l | 2 | |
| Fecal Coliform, (MF) | 09/19/2008 | DRM | SM 9222 D* | 10 U | #/100 mls | 10 | |
| Time of Analysis, Fecal | 09/19/2008 | DRM | SM 9222 D* | 1405 | hr/min | | |

AG23518 001 Effluent - Moutardier Site KY0027782 Collected: 9/19/2008

| Test Description | Analyzed | By | Method | Result | Units | Report Limit | Note |
|--|------------|-----|-------------|--------|------------|--------------|------|
| pH, (Client) | 09/19/2008 | CLT | EPA 150.1 | 7.4 | Std. units | | |
| Time of Analysis, pH (Field) | 09/19/2008 | CLT | EPA 150.1 | 0845 | hr/min | | |
| Dissolved Oxygen (client) | 09/19/2008 | CLT | EPA 360.1 | 6.9 | mg/l | | |
| Time of Analysis, Dissolved Oxygen (fld) | 09/19/2008 | CLT | EPA 360.1 | 0845 | hr/min | | |
| Flow Reading (Client) | 09/19/2008 | CLT | n/a | 0.0014 | MGD | | |
| Tot. Suspended Solids Mdv | 09/22/2008 | DDP | SM 2540 D | 2 | mg/l | 1 | |
| Ammonia as N by electrode Mdv | 09/23/2008 | DDP | SM 4500 NH3 | 1.0 U | mg/l | 1.0 | |
| Carbonaceous BOD Mdv | 09/19/2008 | DDP | SM 5210 B | 2 U | mg/l | 2 | |
| Fecal Coliform, (MF) | 09/19/2008 | DRM | SM 9222 D* | 10 U | #/100 mls | 10 | |
| Time of Analysis, Fecal | 09/19/2008 | DRM | SM 9222 D* | 1410 | hr/min | | |

Sample Qualifier Legend

U - Non-detected at the reported detect limit.

Submitted By:

Tammy Tapp-Bowles, Data Reviewer

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Chain of Custody

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Madisonville KY
270-821-7375

Paducah KY
270-444-6547
Pikeville KY
606-432-3104

Louisville KY
502-981-0001

Route: 14 Project DMR
U S Army Corp of Engineers
Attn: Bryan Duvall
P O Box 339
Bee Springs KY 42207

Collected by: Kerry Sanders

Collection Date: 12-18-08
12-17-08

P. O. No:

Collection Time: 0815
Phone/Fax: 270-286-4511/28

US660702 US Army Corp of Engineers Nolin Lake Moutardier Site KY01

|||||

Logbatch

Composite Sample Start Date 12-18-08 Time 0930-1230

Sample Nos

Stop Date 12-19-08 Time 0815

Field Data By: B Duvall

Date 12-19-08 Time 0815

Fecal Date 12-19-08 Time 0815

pH Meter#: — pH: 7.1

DO Meter#: — DO: 9.8

Temp: 45.0°F Cl: .3

Flow: 1.5 Units: —

Matrix: Liquid

| Collection Method | Test | Analysis Requested | Bottle Type and Preservative |
|-------------------|-------------|------------------------------------|-----------------------------------|
| G/C | WW_CBODPU_1 | Waste Water CBOD Pick Up from Logi | |
| G/C | WW_CBOD5_1 | Carbonaceous BOD Mdv | 1 Liter Plastic 4 c |
| G/C | DO_CLT | Dissolved Oxygen (client) | |
| G/C | FEC_1 | Fecal Coliform, (MF) | |
| G/C | FLOW_CLT | Flow Reading (Client) | |
| G/C | WW_TSS_1 | Tot. Suspended Solids Mdv | 1 Liter Plastic 4 c |
| G/C | TRIP15_1 | Sampling Services Fee | |
| G/C | WW_NH3_1 | Ammonia as N by electrode Mdv | 1 Liter Plastic Sulfuric Acid 4 c |
| G/C | PH_CLT | pH, (Client) | |

12-18-08

Relinquished by: Kerry Sanders

Date/Time: 12-18-08 1545

Received by: Kirk Smith

Date/Time: 12-18-08 1545

Relinquished by: Kirk Smith

Date/Time: 12-19-08 0650

Received by: Bryan Duvall

Date/Time: 12-19-08 0650

Relinquished by: Bryan Duvall

Date/Time: 12-19-08 0950

Received by: James D. King

Date/Time: 12-19-08 0950

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Chain of Custody

Lexington KY 859-289-7775
Madisonville KY 270-821-7375
Paducah KY 270-444-6547
Pikeville KY 606-432-3104
Louisville KY 502-981-0001

Route: 14 Project DMR
U S Army Corp of Engineers
Attn: Bryan Duvall
P O Box 339
Bee Springs KY 42207

Collected by: Kerry Sanders Collection Date: 09-19-08
Collection Time: 0845
P. O. No: _____ Phone/Fax: 270-286-4511/28

US660702 US Army Corp of Engineers Nolin Lake Moutardier Site KY01 

Logbatch _____ Composite Sample Start Date 09-18-08 Time 0800
Sample Nos _____ Stop Date 09-19-08 Time 1300
Field Data By: Kerry Sanders Date 09-19-08 Time 0845 Fecal Date 09-19-08 Time 0845
pH Meter#: N/A pH: 7.4 DO Meter#: N/A DO: 6.9
Temp: 69.9°F Cl: 0.3 Flow: 1.0 Units: Gal/min. Matrix: Liquid

| Collection Method | Test | Analysis Requested | Bottle Type and Preservative |
|-------------------|-------------|------------------------------------|-----------------------------------|
| G/C | TRIP15_1 | Sampling Services Fee | |
| G/C | WW_NH3_1 | Ammonia as N by electrode Mdv | 1 Liter Plastic Sulfuric Acid 4 c |
| G/C | WW_TSS_1 | Tot. Suspended Solids Mdv | 1 Liter Plastic 4 c |
| G/C | WW_CBODPU_1 | Waste Water CBOD Pick Up from Logi | |
| G/C | PH_CLT | pH (Client) | |
| G/C | FLOW_CLT | Flow Reading (Client) | |
| G/C | FEC_1 | Fecal Coliform, (MF) | |
| G/C | DO_CLT | Dissolved Oxygen (client) | |
| G/C | WW_CBOD5_1 | Carbonaceous BOD Mdv | 1 Liter Plastic 4 c |

Relinquished by: Kerry Sanders
Received by: Ch. [Signature]
Relinquished by: Ch. [Signature]
Received by: Ch. [Signature]
Relinquished by: _____
Received by: _____

Date/Time: 9-19-08 0940
Date/Time: 9-19-08 940
Date/Time: 9-19-08 942
Date/Time: 9-19-08 0942
Date/Time: _____
Date/Time: _____



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U S Army Corp of Engineers
Attn: Bryan Duvall
P O Box 339
Bee Springs KY 42207

Batch # : 09010641
Received: 01/09/2009
Reported: 01/15/2009
Client: US6607
Page: 1 of 1

Analysis Report

AG44877 001 Effluent - Dam Site KY0027804 Collected: 1/9/2009

| Test Description | Analyzed | By | Method | Result | Units | RPT Limit | Note |
|----------------------------|------------|-----|--------------|--------|-------|-----------|------|
| Oil & Grease, Total Mdv | 01/13/2009 | JCD | EPA 1664 A | 2 U | mg/l | 2 | |
| Chemical Oxygen Demand Mdv | 01/15/2009 | DST | EPA 410.4 | 46 | mg/l | 5 | |
| Flow Reading (Client) | 01/09/2009 | CLT | n/a | NDP | MGD | | |
| Chlorine Residual Field | 01/09/2009 | JDK | SM 4500 Cl G | 4.7 | mg/l | 0.01 | |
| Total Organic Carbon Mdv | 01/15/2009 | JCD | SM 5310 C | 11.7 | mg/l | 0.5 | |

AG44878 001 Effluent - Moutardier Site KY0027782 Collected: 1/9/2009

| Test Description | Analyzed | By | Method | Result | Units | RPT Limit | Note |
|----------------------------|------------|-----|--------------|--------|-------|-----------|------|
| Oil & Grease, Total Mdv | 01/15/2009 | JCD | EPA 1664 A | 2 U | mg/l | 2 | |
| Chemical Oxygen Demand Mdv | 01/15/2009 | DJK | EPA 410.4 | 36 | mg/l | 5 | |
| Flow Reading (Client) | 01/09/2009 | CLT | n/a | NDP | MGD | | |
| Chlorine Residual Field | 01/09/2009 | JDK | SM 4500 Cl G | 1.1 | mg/l | 0.01 | |
| Total Organic Carbon Mdv | 01/15/2009 | JCD | SM 5310 C | 7.45 | mg/l | 0.5 | |

Submitted By:

Syd Tate, Data Reviewer

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U S Army Corp of Engineers
Attn: Bryan Duvall
P O Box 339
Bee Springs KY 42207

Batch # : 09010641
Received: 01/09/2009
Reported: 01/15/2009
Client: US6607
Page: 1 of 1

Analysis Report

AG44877 001 Effluent - Dam Site KY0027804 Collected: 1/9/2009

| Test Description | Analyzed | By | Method | Result | Units | RPT Limit | Note |
|----------------------------|------------|-----|--------------|--------|-------|-----------|------|
| Oil & Grease, Total Mdv | 01/13/2009 | JCD | EPA 1664 A | 2 U | mg/l | 2 | |
| Chemical Oxygen Demand Mdv | 01/15/2009 | DST | EPA 410.4 | 46 | mg/l | 5 | |
| Flow Reading (Client) | 01/09/2009 | CLT | n/a | NDP | MGD | | |
| Chlorine Residual Field | 01/09/2009 | JDK | SM 4500 Cl G | 4.7 | mg/l | 0.01 | |
| Total Organic Carbon Mdv | 01/15/2009 | JCD | SM 5310 C | 11.7 | mg/l | 0.5 | |

AG44878 001 Effluent - Moutardier Site KY0027782 Collected: 1/9/2009

| Test Description | Analyzed | By | Method | Result | Units | RPT Limit | Note |
|----------------------------|------------|-----|--------------|--------|-------|-----------|------|
| Oil & Grease, Total Mdv | 01/15/2009 | JCD | EPA 1664 A | 2 U | mg/l | 2 | |
| Chemical Oxygen Demand Mdv | 01/15/2009 | DJK | EPA 410.4 | 36 | mg/l | 5 | |
| Flow Reading (Client) | 01/09/2009 | CLT | n/a | NDP | MGD | | |
| Chlorine Residual Field | 01/09/2009 | JDK | SM 4500 Cl G | 1.1 | mg/l | 0.01 | |
| Total Organic Carbon Mdv | 01/15/2009 | JCD | SM 5310 C | 7.45 | mg/l | 0.5 | |

Submitted By: _____

Syd Tate, Data Reviewer

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